

WHAT IS CLAIMED, IS

1. An image pickup device comprising :

- 5 - an image sensor generating an image signal;
 - driving means generating a driving signal for the image sensor;
 - an amplifier for amplifying the image signal with a given gain;
 - adjusting means to set the gain;

10 characterised by control means to control the power of the driving
 signal depending on the gain.

2. An image pickup device according to claim 1, wherein a pulse pattern
generator includes the driving means.

15 3. An image pickup device according to claim 2, wherein the pulse
 pattern generator includes the control means.

20 4. An image pickup device according to claim 1, wherein a controller
 comprises the control means.

5. An image pickup device according to claim 1, wherein the driving
signal is a storage clock signal or an image clock signal.

25 6. An image pickup device according to claim 1, wherein the image
 sensor is a CCD imager.

7. An image pickup device according to claim 1, comprising two further
image sensors.

30 8. An image pickup device according to claim 1, wherein the control
 means sets the height of pulses of the driving signal.

9. An image pickup device comprising :

- an image sensor generating an image signal;
- driving means generating a signal with pulses for driving the image sensor;
- an amplifier for amplifying the image signal with a given gain;
- adjusting means to set the gain;

characterised by control means to set the pulse height depending on the gain.

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10. An image pickup device according to claim 9, wherein the driving signal is a storage clock signal or an image clock signal.